AMENDMENTS TO CLAIMS

Please amend Claims 1 and 12, cancel Claims 10, 11, and 20-23, and add new Claims 24-30 as follows:

1. (currently amended) In combination, a package containing a sensor die and an optically transparent window for permitting electromagnetic radiation to be sensed by said sensor die and for providing an hermetic seal to said package to protect said sensor die against damage and contamination, wherein said optically transparent window includes an optically transparent thermoset plastic field flattener lens and wherein said optically transparent thermoplastic lens includes alignment features for alignment with a lens assembly, said alignment features comprising bumps or cones molded into edges of said optically transparent thermoplastic lens, for alignment with mating features on said lens assembly.

2. (original) The combination of Claim 1 wherein said package is a ceramic package.

3. (original) The combination of Claim 1 wherein said thermoset plastic lens comprises an optically transparent epoxy.

4. (original) The combination of Claim 3 wherein said epoxy is a self-releasing and fast cure resin.

5. (original) The combination of Claim 1 wherein said optically transparent window and said optically transparent thermoset plastic lens are an integral unit.

6. (previously canceled)

7. (previously amended) The combination of Claim 1 wherein said field flattener has two opposed major surfaces, each independently selected from spherical surfaces, aspheric surfaces, diffractive surfaces, and combinations thereof.

8. (previously amended) The combination of Claim 1 wherein said optically transparent thermoplastic lens includes a surface having anti-aliasing features.

9. (original) The combination of Claim 1 wherein said optically transparent thermoplastic lens includes an aberration-correcting surface.

10. (canceled)

11. (canceled)

12. (currently amended) A method for providing an hermetic seal to a package containing a sensor die to protect said sensor die against damage and contamination and for permitting electromagnetic radiation to be sensed by said sensor die through an optically transparent window, said method comprising:

(a) providing an optically transparent thermoset plastic field flattener lens as part of said optically transparent window; and

(b) securing said optically transparent thermoset plastic lens and said optically transparent window to said package,

wherein said optically transparent thermoplastic lens includes alignment features for alignment with a lens assembly, said alignment features comprising bumps or cones molded into edges of said optically transparent thermoplastic lens, for alignment with mating features on said lens assembly

13. (original) The method of Claim 12 wherein said thermoset plastic lens comprises an optically transparent epoxy.

14. (original) The method of Claim 13 wherein said epoxy is a self-releasing and fast cure resin.

15. (original) The method of Claim 12 wherein said optically transparent window and said optically transparent thermoset plastic lens are formed as an integral unit.

16. (previously canceled)

17. (previously amended) The method of Claim 12 wherein said field flattener has two opposed major surfaces, each independently selected from spherical surfaces, aspheric surfaces, diffractive surfaces, and combinations thereof.

18. (previously amended) The method of Claim 12 wherein said optically transparent thermoplastic lens includes a surface having anti-aliasing features.

19. (original) The method of Claim 12 wherein said optically transparent thermoplastic lens includes an aberration-correcting surface.

20. (canceled)

21. (canceled)

22. (canceled)

23. (canceled)

24. (new) In combination, a package containing a sensor die and an optically transparent window for permitting electromagnetic radiation to be sensed by said sensor die and for providing a seal to said package to protect said sensor die against damage and contamination, wherein said optically transparent window includes an optically transparent thermoset plastic field flattener lens and wherein said optically transparent thermoplastic lens includes alignment features for alignment with a lens assembly, said alignment features comprising bumps or cones molded into edges of said optically transparent thermoplastic lens, for alignment with mating features on said lens assembly.

25. (new) The combination of Claim 24 wherein said package is a ceramic package.

26. (new) The combination of Claim 24 wherein said thermoset plastic lens comprises an optically transparent epoxy.

27. (new) The combination of Claim 26 wherein said epoxy is a self-releasing and fast cure resin.

27. (new) The combination of Claim 24 wherein said optically transparent window and said optically transparent thermoset plastic lens are an integral unit.

28. (new) The combination of Claim 24 wherein said field flattener has two opposed major surfaces, each independently selected from spherical surfaces, aspheric surfaces, diffractive surfaces, and combinations thereof.

29. (new) The combination of Claim 24 wherein said optically transparent thermoplastic lens includes a surface having anti-aliasing features.

30. (new) The combination of Claim 24 wherein said optically transparent thermoplastic lens includes an aberration-correcting surface.